

STRATEGIES FOR STRUGGLING MATH STUDENTS

Grades 4-8

March 18, 2010: PSE&G in Edison, NJ

This workshop incorporates a variety of research-based information about why students struggle in math. It allows participants to work collaboratively and practice a number of hands-on strategies to take back to their classrooms and immediately apply to their teaching.

Upon completion of this hands-on math workshop, participants will be able to:

- Apply research-based instructional strategies to increase mathematical literacy for all learners.
- Recognize the importance of including the five NCTM Process Standards (Problem Solving, Reasoning and Proof, Communication, Connections, and Representation) when teaching in the five Content Standards (Number Sense, Algebra, Geometry, Measurement, and Statistics and Probability).
- Identify primary learning styles of students to create differentiated instructional opportunities for all learners.
- Explain how building vocabulary knowledge is necessary for learners to be able to communicate precisely in mathematics.
- Create higher-level thinking questions to promote concept attainment and formation.
- Implement problem-solving strategies that help students with organizing information and developing mathematically sound concepts and processes.

Gayle Palka has been in public education for more than 20 years. Her background includes teaching middle and high school, providing professional scoring training, writing as a Senior Mathematics Editor, and independently designing and implementing numerous workshops for K-12 teachers. Gayle currently is a private consultant in upstate New York and consults with school districts across the country. She holds a B.A. in Mathematics and an M.S.Ed. in Literacy. This unique combination of education gives her the insight and passion to continue to work with teachers to promote mathematical literacy. Gayle is well known for her ability to craft specialized workshops specifically suited to meet the individual needs of schools that she works with, ensuring that both hands-on and math literacy activities will always be included!

About the Presenter

SPECIAL RATE FOR GAYLE PALKA'S WORKSHOP:
\$100 per person

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